Established Maximum Residue Limit EMRL2011-13

Established Maximum Residue Limits for Pesticides/Commodities Currently Registered in Canada Previously Covered by the 0.1 Parts Per Million General Maximum Residue Limit

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Table of Contents

1.0 List of Active Ingredients (in Alphabetical Order) for which MRLs Are Established 1
1.1 2,4-D 1
1.2 Benoxacor 1
1.3 Bromoxynil 1
1.4 Carboxin 1
1.5 Chlorothalonil 1
1.6 Chlorpyrifos 2
1.7 Chlorsulfuron 2
1.8 Cypermethrin 2
1.9 Dicamba 2
1.10 Dichlobenil 2
1.11 Dichlorvos 3
1.12 Diclofop-methyl 3
1.13 Difenzoquat 3
1.14 Dimethoate 3
1.15 Dinocap 3
1.16 Endothall 4
1.17 EPTC 4
1.18 Ethalfluralin 4
1.19 Fenoxaprop-ethyl 4
1.20 Fluazifop-butyl 5
1.21 Fludioxonil 5
1.22 Flumetsulam 5
1.23 Glufosinate-ammonium 5
1.24 Imazamethabenz-methyl 5
1.25 Lambda-cyhalothrin 6
1.26 Methamidophos 6
1.27 Methomyl 6
1.28 Metsulfuron-methyl 6
1.29 Napropamide 7
1.30 Naptalam 7
1.31 Oxamyl 7
1.32 Oxyfluorfen 7
1.33 Paraquat 8
1.34 Pendimethalin 8
1.35 Permethrin 8
1.36 Phosmet 8
1.37 Phosphine 9
1.38 Piperonyl Butoxide 9
1.39 Propetamphos 9
1.40 Propiconazole 9
1.41 Propyzamide 10
1.42 Pyrethrins 10
1.43 Quintozene 10
1.44 Rimsulfuron 10
1.45 S-metolachlor 10
1.46 Tau-fluvalinate 11
1.47 Terbacil 11
1.48 Thifensulfuron-methyl 11
1.49 Thiopharate-methyl 11
1.50 Triadimenol 11
1.51 Triallate 12

1.52 Triasulfuron 12
1.53 Trifluralin 12
1.54 Triflusulfuron-methyl 12
Appendix I 13
Appendix II 15

1.0 List of Active Ingredients (in Alphabetical Order) for which MRLs Are Established

1.1 2,4-D

Common Name	Residue Definition	MRL (ppm)	Food Commodity
2,4-D	(2,4-dichlorophenoxy)acetic acid	0.05	Pome fruits (Crop Group 11), stone fruits (Crop Group 12), field corn, strawberries, sweet corn kernels plus cob with husks removed

1.2 Benoxacor

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Benoxacor	ethanone, 2,2-dichloro-1-(2,3-dihydro-3-methyl-4//-1,4-benzoxazin-4-yl)-	0.01	Asparagus, bell peppers, dry beans, edible-podded snap beans, field corn, garden beet roots, lima beans, peas, popcorn grain, potatoes, pumpkins, rutabagas, soybeans, sugar beet roots, sweet corn kernels plus cob with husks removed tomatoes, winter squash

1.3 Bromoxynil

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Bromoxynil *	3,5-dibromo-4-hydroxybenzonitrile	0.1	Flaxseed, garlic

1.4 Carboxin

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Carboxin*	1,4-oxathiin-3-carboxamide, 5,6-dihydro-2-methyl-N-phenyl-, including metabolites determined as benzenamine and expressed as parent compound	0.03	Rapeseed (canola)

* Carboxin is the approved International Organization for Standardization (ISO) common name; however, carbathiin is the common name for this active ingredient found under the guarantee statement in all product labels currently registered in Canada.

1.5 Chlorothalonil

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Chlorothalonil	tetrachloroisophthalonitrile, including the metabolite 4-hydroxy-2,5,6-trichloro-1,3-benzenedicarbonitrile	0.1	Lentils

1.6 Chlorpyrifos

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Chlorpyrifos	*O,O*-diethyl-*O*-(3,5,6-trichloro-2-pyridyl)phosphorothioate*	0.1	Sunflower seeds
		0.05	Cucumbers, field corn, lentils, nectarines, peaches, sweet corn kernel plus cob with husks removed

* Previously, the established residue definition for chlorpyrifos was either parent chemical only for apples, grapes and tomatoes or parent and the metabolite 3,5,6-trichloro-2-pyridinol for citrus fruits, kiwifruit, peppers, rutabagas and cattle commodities. However, in accordance with Proposed Acceptability for Continuing Registration, PACR2003-03, *Phase 2 of the Re-evaluation of Chlorpyrifos*, the residue definition is revised to reflect chlorpyrifos only for all commodities with established MRLs.

1.7 Chlorsulfuron

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Chlorsulfuron	benzenesulfonamide, 2-chloro-*N*-[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]carbonyl]-, including the metabolite benzenesulfonamide, 2-chloro-5-hydroxy-*N*-[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]carbonyl]-	0.1	Barley, oats, wheat

1.8 Cypermethrin

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Cypermethrin	(*RS*)-α-cyano-3-phenoxybenzyl (1*RS*, 3*RS*)-(1*RS*, 3*SR*)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate	0.1	Dry bulb onions

1.9 Dicamba

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Dicamba	benzoic acid, 3,6-dichloro-2-methoxy-, including the metabolite benzoic acid, 2,5-dichloro-3-hydroxy-6-methoxy-	0.1	Field corn
		0.04	Sweet corn kernel plus cob with husks removed

1.10 Dichlobenil

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Dichlobenil	2,6-dichlorobenzonitrile, including the metabolite benzamide, 2,6-dichloro-	0.1	Cranberries, raspberries

1.11 Dichlorvos

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Dichlorvos	2,2-dichlorovinyl dimethyl phosphate	0.1	Fat, meat and meat byproducts of hogs
		0.05	Fat, meat and meat byproducts of poultry
		0.02	Fat, meat and meat byproducts of cattle and horses; milk

1.12 Diclofop-methyl

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Diclofop-methyl	propanoic acid, 2-[4-(2,4-dichlorophenoxy)phenoxy]-, methyl ester, including the metabolites propanoic acid, 2-[4-(2,4- dichlorophenoxy)phenoxy]- and propanoic acid, 2-[4-(2,4-dichloro-5-hydroxyphenoxy)phenoxy]-	0.1	Barley, triticale, wheat

1.13 Difenzoquat

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Difenzoquat	1*H*-pyrazolium, 1-2-dimethyl-3,5-diphenyl-	0.05	Barley, triticale, wheat

1.14 Dimethoate

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Dimethoate	*O,O*-dimethyl *S*-(*N*-methylcarbamoylmethyl)phosphorodithioate, including the metabolite omethoate	0.1	Safflower seeds

1.15 Dinocap

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Dinocap	2-butenoic acid, 2,6-dinitro-4-octylphenyl ester, (2*E*)- and 2-butenoic acid, 2,4-dinitro-6- octylphenyl ester, (2*E*)-	0.1	Apples, grapes

1.16 Endothall

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Endothall	7-oxabicyclo[2. 2.1]heptane-2,3-dicarboxylic acid, including its monomethyl ester	0.1	Potatoes

1.17 EPTC

Common Name	Residue Definition	MRL (ppm)	Food Commodity
EPTC	carbamothioic acid, *N*,*N*-dipropyl-, *S*-ethyl ester	0.1	Dry beans, dry broad beans, dry catjang seed, dry chickpeas, dry guar seed, dry kidney beans, dry lablab beans, dry lentils, dry moth beans, dry mung beans, dry navy beans, dry pink beans, dry pinto beans, dry rice beans, dry southern peas, dry tepary beans, dry urd beans, edible-podded jackbeans, edible-podded moth beans, edible-podded runner beans, edible-podded snap beans, edible-podded sword beans, edible-podded wax beans, edible-podded yardlong beans, field corn, flaxseed, potatoes, rutabaga roots, sugar beet roots, sunflower seeds, sweet corn kernel plus cob with husks removed, turnip roots

1.18 Ethalfluralin

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Ethalfluralin	benzenamine, *N*-ethyl-*N*-(2-methyl-2-propen-1-yl)-2,6-dinitro-4-(trifluoromethyl)-	0.05	Dried dillweed leaves, dry broadbeans, dry field peas, dry navy beans, dry kidney beans, dry lentils, dry soybeans, fresh dillweed leaves, mustard seeds (condiment type), rapeseed (canola), safflower seeds, sunflower seeds

1.19 Fenoxaprop-ethyl

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Fenoxaprop-ethyl	(*RS*)-ethyl-2-[4-(6-chloro-1,3-benzoxazol-2-yloxy)phenoxy]propanoate, including the metabolites 2-[4-[(6-chloro-2-benzoxazolyl)-oxy]phenoxy]propionic acid and 6-chloro-2,3-dihydrobenzoxalazol-2-one	0.05	Barley, dry soybeans, wheat

1.20 Fluazifop-butyl

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Fluazifop-butyl	butyl (*RS*)-2-[4-[[5-(trifluoromethyl-2-pyridinyl]oxy]phenoxy]propanoate (calculated as acid)	0.05	Stone fruits (Crop Group 12)

1.21 Fludioxonil

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Fludioxonil	4-(2,2-difluoro-1,3-benzodioxol-4-yl)-1*H*-pyrrole-3-carbonitrile	0.01	Safflower seeds, sunflower seeds

1.22 Flumetsulam

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Flumetsulam	[1,2,4]triazolo[1,5-a]pyrimidine-2-sulfonmide, *N*-(2,6-difluorophenyl)-5-methyl-	0.05	Dry soybeans, field corn

1.23 Glufosinate-ammonium

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Glufosinate-ammonium	ammonium(±)-2-amino-4-(hydroxymethylphosphinyl)butanoate, including the metabolite propanoic acid, 3-(hydroxymethylphosphinyl)	0.05	Apples, grapes

1.24 Imazamethabenz-methyl

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Imazamethabenz-methyl	benzoic acid, 2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1*H*-imidazol-2-yl]- 4-methyl-, methyl ester and benzoic acid, 2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1*H*-imidazol-2-yl]-5-methyl-, methyl ester	0.1	Barley, sunflower seeds, wheat

1.25 Lambda-cyhalothrin

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Lambda-cyhalothrin	(*S*)-α-cyano-3-phenoxybenzyl (*Z*)-(1*R*,3*R*)-3-(2-chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate and (*R*)-α-cyano-3-phenoxybenzyl (*Z*)-(1*S*,3*S*)-3-(2-chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate, including the epimer, in a 1:1 mixture, (*R*)-α-cyano-3-phenoxybenzyl (*Z*)-(1*R*,3*R*)-3-(2-chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate and (*S*)-α-cyano-3-phenoxybenzyl (*Z*)-(1*S*,3*S*)-3-(2-chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate	0.05	Oats
		0.01	All food commodities (other than those already covered by a higher MRL as a result of use on growing crops) in food-handling establishments where food products are held, processed or prepared

1.26 Methamidophos

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Methamidophos	*O,S*-dimethyl phosphoramidothioate	0.1	Potatoes

1.27 Methomyl

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Methomyl	*S*-methyl-*N*-(methylcarbamoyloxy)thioacetimidate	0.1	Sweet corn kernel plus cob with husks removed

1.28 Metsulfuron-methyl

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Metsulfuron-methyl	methyl 2-[[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]carbonyl]amino]sulfonyl]benzoate, including the metabolite methyl 2-[[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino] carbonyl]amino]sulfonyl] 4-hydroxybenzoate	0.1	Barley, wheat

1.29 Napropamide

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Napropamide	propanamide, *N,N*-diethyl-2-(1-naphthalenyloxy)-	0.1	Head and stem Brassica (Crop Subgroup 5A), fruiting vegetables (Crop Group 8), caneberries (Crop Subgroup 13-07A), bushberries (Crop Subgroup 13-07B), asparagus, black walnuts, cranberries, dried basil leaves, English walnuts, filberts, fresh basil leaves, grapes, Oriental radish roots, strawberries

1.30 Naptalam

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Naptalam	benzoic acid, 2-[(1-naphthalenylamino)carbonyl]-	0.1	Melons (Crop Subgroup 9A), cucumbers

1.31 Oxamyl

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Oxamyl	ethanimidothioic acid, 2-(dimethylamino)-*N*-[[(methylamino)carbonyl]oxy]-2-oxo-, methyl ester, including the metabolite ethanimidothioic acid, 2-(dimethylamino)-*N*-hydroxy-2-oxo-, methyl ester	0.1	Potatoes

1.32 Oxyfluorfen

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Oxyfluorfen	2-chloro-α,α,α-trifluoro-*p*-tolyl 3-ethoxy-4-nitrophenyl ether	0.05	Dry bulb onions, raspberries

1.33 Paraquat

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Praquat	4,4'-bipyridinium, 1,1'-dimethyl-	0.1	Dry bulb onions, field corn, pop corn grain
		0.05	*Brassica* leafy vegetables (Crop Group 5), edible-podded legume vegetables (Crop Group 6A), succulent shelled peas and beans (Crop Group 6B), pome fruits (Crop Group 11), stone fruits (Crop Group 12), caneberries (Crop Subgroup 13-07A), bushberries (Crop Subgroup 13-07B), barley, carrot roots, cucumbers, filberts, grapes, green onions, sweet corn kernel plus cob with husks removed, turnip roots, turnip tops

1.34 Pendimethalin

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Pendimethalin	benzenamine, *N*-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitro-, including the metabolite benzenemethanol, 4-[(1-ethylpropyl)amino]-2-methyl-3,5-dinitro-	0.1	Apples, apricots, dry bulb onions, dry soybeans, field corn, nectarines, peaches, sweet cherries, tart cherries

1.35 Permethrin

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Permethrin	(3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate	0.1	Dry bulb onions, sweet corn kernels plus cob with husks removed
		0.05	Field corn, popcorn grain, potatoes
	(3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate (calculated on the fat content)	0.1	Meat and meat byproducts of horses and sheep

1.36 Phosmet

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Phosmet	*O,O*-dimethyl phthalimidomethyl phosphorodithioate	0.1	Potatoes

1.37 Phosphine

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Phosphine	phosphine	0.1	Almonds, barley, black walnuts, Brazil nuts, cashew nuts, cocoa beans, coffee beans, dates, English walnuts, field corn, filberts, oats, peanuts, pearl millet, pecans, pistachios, popcorn grain, proso millet, rice, rye, safflower seeds, sesame seeds, sorghum, dry soybeans, sunflower seeds, triticale, wheat
		0.01	Legume vegetables (Crop Group 6), avocados, bananas, bell peppers, bok choy Chinese cabbages, citrus citron, dill, eggplants, endive, grapefruits, kumquats, lemons, lettuce, limes, mangoes, Napa Chinese cabbages, non-bell peppers, okra, oranges, papayas, pepper hybrids, persimmons, salsify tops, sweet potato roots, tangelos, tangerines, tomatoes, all processed foods

1.38 Piperonyl Butoxide

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Piperonyl Butoxide	α-[2-(2-butoxyethoxy)ethoxy]-4,5-(methylenedioxy)-2-propyltoluene	0.1	Fat, meat and meat byproducts of cattle, goats, hogs, horses and sheep

1.39 Propetamphos

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Propetamphos	2-butenoic acid, 3-[[(ethylamino) methoxyphosphinothioyl]oxy]-, 1-methylethyl ester, (2*E*)-	0.1	All food commodities in food-handling establishments where food products are held, processed or prepared

1.40 Propiconazole

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Propiconazole	1-[[2-(2,4-diclorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl] - 1*H*-1,2,4-triazole, including all metabolites containing the 2,4- dichlorophenyl-1-methyl substituted moiety	0.1	Mushrooms

1.41 Propyzamide

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Propyzamide	3,5-dichloro-*N*-(1,1-dimethylpropynyl)benzamide, including its metabolites containing the 3,5-dichlorobenzoate moiety	0.1	Apples, pears
		0.05	Lowbush blueberries

1.42 Pyrethrins

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Pyrethrins	4-hydroxy-3-methyl-2-(2,4-pentadienyl)-2-cyclopenten-1-one 2,2-dimethyl-3-(2-methylpropenyl)cyclopropanecarboxylate and 4-hydroxy-3-methyl-2-(2,4-pentadienyl)-2-cyclopenten-1-one 1-methyl 3-carboxy-α,2,2-trimethylcyclopropaneacrylate ester	0.05	Meat and meat byproducts of cattle, goats, hogs, horses and sheep; milk fat

1.43 Quintozene

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Quintozene	benzene, 1,2,3,4,5-pentachloro-6-nitro-, including the metabolites benzenamine, 2,3,4,5,6-pentachloro- and benzene, 1,2,3,4,5-pentachloro-6-(methylthio)-	0.1	Head and stem Brassica (Crop Subgroup 5A)

1.44 Rimsulfuron

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Rimsulfuron	*N*-[[(4,6-dimethoxy-2-pyrimidinyl)amino]carbonyl]-3-(ethylsulfonyl)-2-pyridinesulfonamide	0.1	Field corn, potatoes

1.45 S-metolachlor

Common Name	Residue Definition	MRL (ppm)	Food Commodity
S-metolachlor	2-chloro-*N*-(2-ethyl-6-methylphenyl)-*N*-[(1*S*)-2-methoxy-1-methylethyl]acetamide and 2-chloro-*N*-(2-ethyl-6-methylphenyl)-*N*-[(1*R*)-2-methoxy-1-methylethyl]acetamide, including the metabolites 2-[(2-ethyl-6-methylphenyl)amino]-1-propanol and 4-(2-ethyl-6-methylphenyl)-2-hydroxy-5-methyl-3-morpholinone	0.1	Asparagus

1.46 Tau-fluvalinate

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Tau-fluvalinate	D-valine, *N*-[2-chloro-4-(trifluoromethyl) phenyl]-, cyano(3-phenoxyphenyl)methyl ester	0.02	Honey

1.47 Terbacil

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Terbacil	2,4(1*H*,3*H*)-pyrimidinedione, 5-chloro-3-(1,1- dimethylethyl)-6-methyl-, including the metabolites 2,4(1*H*,3*H*)-pyrimidinedione, 5-chloro-3-(1,1- dimethylethyl)-6-(hydroxymethyl)- and 5*H*-oxazolo[3,2-a]pyrimidin-5-one, 6-chloro-2,3-dihydro-7-(hydroxymethyl)-3,3-dimethyl- and 5*H*-oxazolo[3,2-a]pyrimidin-5-one, 6-chloro-2,3- dihydro-3,3,7-trimethyl-, calculated as terbacil	0.1	Strawberries

1.48 Thifensulfuron-methyl

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Thifensulfuron-methyl	methyl-3-[[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl) amino]carbonyl]amino]sulfonyl]-2-thiophenecarboxylate	0.1	Dry soybeans
		0.05	Barley, oats, wheat

1.49 Thiophanate-methyl

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Thiophanate-methyl*	1,2-di-(3-methoxy-carbonyl-2-thioureido) benzene, expressed as carbendazim	0.1	Potatoes

* MRLs for thiophanate-methyl are found under "Carbendazim and Thiophanate-methyl" in the *List of Maximum Residue Limits Regulated Under the Pest Control Products Act*.

1.50 Triadimenol

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Triadimenol	1*H*-1,2,4-triazole-1-ethanol, ß-(4-chlorophenoxy)-α-(1,1-dimethylethyl)- , including the metabolite 1,3-butanediol, 4-(4-chlorophenoxy)-2,2-dimethyl-4-(1*H*-1,2,4-triazol-1-yl)-	0.05	Barley, wheat

1.51 Triallate

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Triallate	carbamothioic acid, *N*,*N*-bis(1-methylethyl)-, *S*-(2,3,3-trichloro-2-propen-1-yl) ester, including the metabolite 2-propene-1-sulfonic acid, 2,3,3-trichloro-	0.1	Sugar beet roots
		0.05	Barley, wheat

1.52 Triasulfuron

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Triasulfuron	1-[2-(2-chloroethoxy)-phenylsulphonyl]-3-(4-methoxy-6-methyl-1,3,5-triazin-2-yl)urea	0.02	Barley

1.53 Trifluralin

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Trifluralin	α,α,α-trifluoro-2,6-dinitro-*N*,*N*-dipropyl-*p*-toluidine	0.05	Head and stem *Brassica* (Crop Subgroup 5A), legume vegetables (Crop Group 6), fruiting vegetables (Crop Group 8), stone fruits (Crop Group 12), asparagus, barley, flaxseed, mustard, pearl millet, proso millet, rapeseed (canola), rutabaga roots, rutabaga tops, safflower seeds, sunflower seeds, triticale, turnip roots, turnip tops, wheat

1.54 Triflusulfuron-methyl

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Triflusulfuron-methyl	methyl 2-[4-dimethylamino-6-(2,2,2-trifluoroethoxy)-1,3,5-triazin-2-ylcarbamoylsulfamoyl]-*m*-toluate	0.05	Chicory roots

Appendix I

Comment and Response

Comment:

A comment was received from a foreign regulatory authority regarding MRLs proposed in Canada for pesticide/food commodity combinations which were from 1.4 to 10 times more strict than corresponding Codex Alimentarius MRLs[1]. The list included MRLs for chlorpyrifos, dinocap, glufosinate-ammonium, paraquat, permethrin, piperonyl butoxide and triadimenol on a number of cereal, fruit, legume, vegetable and livestock commodities. For example, the proposed Canadian MRL of 0.05 ppm for chlorpyrifos in or on peaches is 10 fold lower then the established 0.5 ppm Codex MRL.

The submitter requested provision of the scientific basis for establishing the listed MRLs or suggested the adoption of the corresponding Codex MRLs.

Response:

In keeping with the Information Note titled *Progress on Minimizing Reliance on the 0.1 Parts per Million as a General Maximum Residue Limit for Food Pesticide Residue* and published on the Health Canada website in December 2009, the Proposed Maximum Residue Limit document (PMRL2010-33) was the first phase of the on-going initiative to reduce the reliance on the general GMRL.

To efficiently accomplish this first step, Health Canada's Pest Management Regulatory Agency proposed to use recently established/reassessed science-based American tolerances at or below 0.1 ppm where analysis had shown that the pesticide/commodity use patterns in the respective jurisdictions were consistent. American tolerances are established using stringent safety standards mandated by the *Food Quality and Protection Act*. Further, the PMRA works closely and collaboratively with the United States Environmental Protection Agency on various MRL/tolerance issues as well as amny other science-based pesticide regulatory activities. The PMRA is confident that the proposed MRLs, equivalent to, or more stringent than, the 0.1 ppm general MRL, will not pose any human health concerns.

As a result, the MRLs are established as proposed in PMRL 2010-33.

[1] The Codex Alimentarius Commission is an international organization under the auspices of the United Nations that develops international food standards, including MRLs.

Appendix II

Crop Groups: Numbers and Definitions

Crop Group Number and Name		Crop Subgroup Number and Name (if applicable)		Food Commodities Included in the Crop Group or Subgroup
5	Brassica (cole) leafy vegetables	5A	Head and stem Brassica	Broccoli Brussels sprouts Cabbages Cauliflower Chinese broccoli Chinese mustard cabbages Kohlrabi Napa Chinese cabbages
5	Brassica (cole) leafy vegetables	5B	Leafy Brassica greens	Bok choy Chinese cabbages Broccoli raab Collards Kale Mustard greens Mustard spinach Rape greens
6	Legume vegetables (succulent or dried)	6A	Edible-podded legume vegetables	Edible-podded dwarf peas Edible-podded jackbeans Edible-podded moth beans Edible-podded peas Edible-podded pigeon peas Edible-podded runner beans Edible-podded snap beans Edible-podded snow peas Edible-podded soybeans Edible-podded sugar snap peas Edible-podded swordbeans Edible-podded wax beans Edible-podded yardlong beans
6	Legume vegetables (succulent or dried)	6B	Succulent shelled pea and bean	Succulent shelled blackeyed peas Succulent shelled broad beans Succulent shelled cowpeas Succulent shelled English peas Succulent shelled garden peas Succulent shelled green peas Succulent shelled lima beans Succulent shelled peas Succulent shelled pigeon peas Succulent shelled southern peas
6	Legume vegetables (succulent or dried)	6C	Dried shelled pea and bean (except soybean)	Dry adzuki beans Dry beans Dry blackeyed peas Dry broad beans Dry catjang seed Dry chickpeas Dry cowpea seed Dry field peas

Crop Group Number and Name		Crop Subgroup Number and Name (if applicable)		Food Commodities Included in the Crop Group or Subgroup
				Dry guar seed Dry kidney beans Dry lablab beans Dry lentils Dry lima beans Dry moth beans Dry mung beans Dry navy beans Dry pigeon peas Dry pink beans Dry pinto beans Dry rice beans Dry southern peas Dry tepary beans Dry urd beans Grain lupin
8	Fruiting vegetables			Bell peppers Eggplants Groundcherries Non-bell peppers Pepinos Pepper hybrids Tomatillos Tomatoes
9	Cucurbit vegetables	9A	Melon	Cantaloupes Citron melons Muskmelons (other than those listed in this item) Watermelons
11	Pome fruits			Apples Crabapples Loquats Mayhaws Oriental pears Pears Quinces
12	Stone fruits			Apricots Nectarines Peaches Plumcots Plums Prune plums Sweet cherries Tart cherries
13	Berry and small fruit	13-07A	Caneberry	Blackberries Loganberries Raspberries Wild raspberries

Crop Group Number and Name		Crop Subgroup Number and Name (if applicable)		Food Commodities Included in the Crop Group or Subgroup
13	Berry and small fruit	13-07B	Bushberry	Aronia berries Buffalo currants Chilean guavas Currants Elderberries European barberry Gooseberries Highbush blueberries Highbush cranberries Honeysuckle Huckleberries Jostaberries Lingonberries Lowbush blueberries Native currants Salal berries Saskatoon berries (juneberries) Sea buckthorn